

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"chelating silica-based ion exchanger"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/25 17:49
S2	4	"silica-based ion exchanger"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/25 17:49
S3	4	"silica based ion exchanger"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/25 17:50
S4	2074	silica WITH "ion exchanger"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/25 17:50
S5	8	S4 with chelating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/25 17:51
S6	4	("3985648" "4931553" "4943375" "5891574").PN. OR ("7083732").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/25 17:53
S7	5	("3682589").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/29 08:44
S8	6	("2954276" "3682589" "4150976" "4963264").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/29 10:57
S9	2263778	(copper OR cu)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/29 11:09

S10	3358452	(chloride OR cl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/29 11:10
S11	7269463	(remov\$4 OR extract\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/29 11:12
S12	28349	"zinc sulphate" or "zinc sulfate" or "ZnSO.sub.4" OR "ZnSO4"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/29 11:14
S13	7907	S9 AND S10 AND S11 AND S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/29 11:14
S14	101	S9.clm. and S10.clm. and S11. clm. and S12.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/29 11:32
S15	3	("3682589").URPN.	USPAT	AND	ON	2008/09/30 08:29
S17	2	WO "0134856"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/30 10:19
S18	2	("6896808").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/30 10:25
S19	5	("5643456" "5758255" "5766478" "5928517" "6242625").PN. OR ("6896808"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/30 11:08
S24	178673	polyethyleneimine OR "polyethylene imine" OR PEI	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/30 13:23

S25	49	S24 with "ion exchanger"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/30 13:24
S27	2264027	(copper OR cu)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/30 13:27
S28	5	S25 and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/30 13:27
S29	2	("5643456").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/30 14:43
S30	3	("3682589").URPN.	USPAT	AND	ON	2008/09/30 15:03
S39	769	(423/24).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/30 15:08
S41	584	S39 and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/30 15:08
S42	3358709	(chloride OR cl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/30 15:10
S43	374	S41 and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/30 15:10
S44	28355	"zinc sulphate" or "zinc sulfate" or "ZnSO.sub.4" OR "ZnSO4"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/30 15:10

S45	42	S43 and S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/30 15:10
S46	7	("4008076" "5431788").PN. OR ("5650057").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/30 17:38
S47	4	("4,039,406").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/30 17:40
S48	2264027	(copper OR cu)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/01 14:20
S49	3358709	(chloride OR cl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/01 14:20
S50	28355	"zinc sulphate" or "zinc sulfate" or "ZnSO.sub.4" OR "ZnSO4"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/01 14:20
S51	3734	S48 SAME S49 SAME S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/01 14:20
S52	7270717	(remov\$4 OR extract\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/01 14:21
S53	950	S51 SAME S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/01 14:21
S54	526	S53 and ion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/01 14:22

S55	8	("1901925" "2586579").PN. OR ("4005174").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/01 14:33
S56	108	((("3630669") or ("3656893") or ("4178348") or ("4274930") or ("4292160") or ("4317804") or ("4318789") or ("4320099") or ("4352714") or ("4387021") or ("4399020") or ("4422943") or ("4436601") or ("4448711") or ("4523998") or ("4615873") or ("4814091") or ("4840735") or ("4876287") or ("4935580") or ("4971775") or ("5006216") or ("5246591") or ("5256390") or ("5266203") or ("5292412") or ("5332560") or ("5372717") or ("5372847") or ("5401416") or ("5419882") or ("5516411") or ("5602071") or ("5603844") or ("5605563") or ("5779997") or ("5830424") or ("5910253") or ("6048506") or ("6063344") or ("6153108") or ("6350431") or ("6365564") or ("6383273") or ("6399564") or ("6407047") or ("6436165") or ("6455222") or ("6455528") or ("7279103"))). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/01 15:34
S57	3	("4004174").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/01 18:17
S58	4	("2954276" "36825wo 01/3485689" "4150976" "4963264").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/01 18:36
S61	2	pct/au00/01383	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/01 18:37
S62	769	(423/24).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/02 16:56
S63	66	S62 and "ion exchanger"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/02 16:56
S64	19	S63 and silic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/02 16:57

S65	5	("5643456" "5758255" "5766478" "5928517" "6242625").PN. OR ("6896808").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/02 17:05
S66	28382	"zinc sulphate" or "zinc sulfate" or "ZnSO.sub.4" OR "ZnSO4"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 14:33
S67	20	(ion ADJ exchang\$4) with (pretreat\$4 OR treat\$4) with S66	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 14:33
S68	1059	(ion ADJ exchang\$4) with (pretreat\$4 OR treat\$4) with alkaline	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 14:39
S69	259	S68 and copper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 14:39
S70	38	S68 and copper.ab,clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 14:40
S71	18	S68 and copper.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 14:40
S72	769	(423/24).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/06 14:46
S73	717	(210/639).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/06 15:00

S74	1226	(210/638).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/06 15:01
S75	566	(210/669).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/06 15:05
S76	6383	210/660-679.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 15:07
S77	40	S76 and S66	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 15:08
S78	2266166	(copper OR cu)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 15:08
S79	25	S76 and S66 and S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 15:08
S80	8981	210/634,638,639,660-679.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 15:12
S81	46	S80 and S66 and S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/06 15:12
S82	302	(423/100).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/08 10:31

S83	228902	ion ADJ exchange\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:38
S84	124	S82 and S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:38
S85	769	(423/24).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/08 10:48
S86	352	S85 and S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 10:48
S87	1059	(ion ADJ exchange\$4) with (pretreat\$4 OR treat\$4) with alkaline	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:33
S88	259	S87 and copper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:33
S89	281408	("423".clas. OR "210".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:34
S90	78	("423".clas. OR "210".clas.) and S88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:34
S91	2266584	(copper OR cu)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:39

S92	28390	"zinc sulphate" or "zinc sulfate" or "ZnSO.sub.4" OR "ZnSO4"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:39
S93	228902	ion ADJ exchange\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:40
S94	1988	S92 and S91 and S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:40
S95	218	S94 and S89	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:40
S96	50	S95 and S93.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:41
S97	58	S95 and S93.clm,ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:42
S98	3869	S93.clm. and S89	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:46
S99	2191618	alkaline OR basic OR "sodium hydroxide" OR NaOH	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:53
S100	2659	S99 and S98	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:53

S101	957	S100 and (S99 with S93)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:54
S102	14	S101 and S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/08 11:55
S103	2	("5695882").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/08 14:30
S104	326	205/602,604,607.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 11:16
S105	28405	"zinc sulphate" or "zinc sulfate" or "ZnSO.sub.4" OR "ZnSO4"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 11:17
S106	79	S104 and S105	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 11:17
S107	229109	ion ADJ exchang\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 11:17
S108	8	S104 and S105 and S107	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 11:17
S109	302	(423/100).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/09 11:26

S110	770	(423/24).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/09 11:26
S111	132	S109 and S110	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 11:26
S112	940	S109 or S110	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 11:26
S113	24	S111 and S105	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 11:27
S114	139	S105 with S107	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 11:29
S115	9	S105 with "ion exchanger"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 11:41
S116	331	S105 and "ion exchanger"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 11:42
S117	34	S105 same "ion exchanger"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 11:42
S119	34618	"ion exchanger" or "cation exchanger" or "anion exchanger"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/03 10:42

S120	326	205/602,604,607.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/03 10:45
S121	941	423/24,100.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/03 10:46
S122	115	S119 and (S120 or S121)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/03 10:47
S123	28537	"zinc sulphate" or "zinc sulfate" or "ZnSO.sub.4" OR "ZnSO4"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/03 10:48
S124	19	S119 with S123	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/03 10:48
S125	1256	S120 or S121	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/03 11:12
S126	46	S123 with pretreat\$6	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/03 12:03
S127	138	S119 with pretreat\$6	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/03 12:04
S128	4	S127 and S125	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/03 12:04
S129	771	(423/24).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/03 12:50
S130	157585	pretreat\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/03 12:50

S131	54	S129 and S130	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/03 12:50
S132	1953	outokumpu.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/03 17:38
S133	34618	"ion exchanger" or "cation exchanger" or "anion exchanger"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/03 17:38
S134	3	S132 and S133	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/03 17:38
S135	268157	(ion OR cation OR anion) adj (exchange OR exchanger)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/04 14:51
S138	771	(423/24).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/04 14:53
S139	380	S135 and S138	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/04 14:53
S140	28549	"zinc sulphate" or "zinc sulfate" or "ZnSO.sub.4" OR "ZnSO4"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/04 14:55
S141	31	S135 and S138 and S140	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/04 14:55

S142	326	205/602,604,607.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/04 15:52
S143	25	S142 and S135	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/04 15:53
S146	2	wo "0134856"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/04 16:24
S147	941	423/24,100.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/04 16:43
S148	1256	S142 or S147	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/04 16:43
S149	13	"4004174"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/04 18:05
S150	5	"4252622"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/04 18:13
S151	1	au "8290737"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/05 17:58
S154	298972	((cation or anion or ion) near2 exchang\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 15:31

S155	2	S154 with "alkyl-silylated"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 15:32
S156	18429	S154 with silica	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 15:32
S157	224	S156 with copper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 15:32
S158	28	"alkyl-silylated"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 15:37
S159	6	S157 with ("zinc sulfate" or "zinc sulphate" or ZnSO4 or "ZnSO.sub.4")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 15:48
S160	50	("4452702" "4659512").PN. OR ("4943375").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/06 15:55
S161	2842	functional\$5 near2 silica	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 17:10
S162	9	S161 with (copper or Cu)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 17:11
S163	11	S161 with (copper or Cu or Cu2 + or "Cu.sup.2+ ")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 17:51
S164	275	silica with amine with (copper or Cu or Cu2+ or "Cu.sup.2+ ")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 17:55

S165	9	S164 with ((cation or anion or ion) near2 exchange\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 17:56
S166	7668	210/660-681,688.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 18:07
S167	329	205/602,604,607.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 18:07
S168	3889	423/24,100,335-340.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 18:09
S169	1187	210/688.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 18:09
S170	11723	S166 or S167 or S168	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 18:09
S171	276	S169 and silica	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 18:09
S172	22	S169 and (silica with amine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/06 18:10
S173	9	"5286464"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/06 18:12

S174	3893	423/24,100,335-340.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/18 13:15
S175	1187	210/688.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/18 13:15
S176	102	S174 and S175	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/18 13:15
S177	64	S176 and pH	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/18 13:15
S178	30091	"zinc sulphate" or "zinc sulfate" or "ZnSO.sub.4" OR "ZnSO4"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/18 13:48
S181	28	S178 and S175	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/18 13:49
S182	7675	210/660-681,688.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/18 15:31
S183	62	S182 and S178	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/18 15:31
S184	0	S182 and (S178 with dilute)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/18 15:31

S185	43	"4540486"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/18 18:16
S186	30091	"zinc sulphate" or "zinc sulfate" or "ZnSO.sub.4" OR "ZnSO4"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/18 18:17
S187	0	S185 and S186	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/18 18:17
S188	288253	(ion OR cation OR anion) adj (exchange OR exchanger)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/03 13:51
S189	31194	"zinc sulphate" or "zinc sulfate" or "ZnSO.sub.4" OR "ZnSO4"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/03 13:51
S190	466	S188 same S189	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/03 13:51
S191	111	S190 same (copper or cu)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/03 13:51
S192	83	S191 and chloride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/03 13:52
S193	7755	210/660-681,688.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/03 13:52

S194	331	205/602,604,607.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/03 13:52
S195	3941	423/24,100,335-340.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/03 13:52
S196	11862	S193 or S194 or S195	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/03 13:52
S197	9	S191 and S196	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/03 13:52
S198	26	S191 and amine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/11/03 13:53

EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S199	110320	(ion OR cation OR anion) adj (exchange OR exchanger)	USPAT; UPAD	AND	ON	2009/11/03 13:53
S200	12716	"zinc sulphate" or "zinc sulfate" or "ZnSO.sub.4" OR "ZnSO4"	USPAT; UPAD	AND	ON	2009/11/03 13:53
S201	187	S199 same S200	USPAT; UPAD	AND	ON	2009/11/03 13:54
S202	33	S201 same (copper or cu)	USPAT; UPAD	AND	ON	2009/11/03 13:54
S203	2	S202.clm.	USPAT; UPAD	AND	ON	2009/11/03 13:54
S204	25	S202 and chloride	USPAT; UPAD	AND	ON	2009/11/03 13:55
S205	4547	210/660-681,688.ccls.	USPAT; UPAD	AND	ON	2009/11/03 13:55
S206	211	205/602,604,607.ccls.	USPAT; UPAD	AND	ON	2009/11/03 13:55
S207	2327	423/24,100,335-340.ccls.	USPAT; UPAD	AND	ON	2009/11/03 13:55

S208	6949	S205 or S206 or S207	USPAT; UPAD	AND	ON	2009/11/03 13:56
S209	21	S208 and S201	USPAT; UPAD	AND	ON	2009/11/03 13:56
S210	5018	S199 same zinc	USPAT; UPAD	AND	ON	2009/11/03 13:56
S211	242	S210 and S208	USPAT; UPAD	AND	ON	2009/11/03 13:57
S212	200	S211 and (copper or cu)	USPAT; UPAD	AND	ON	2009/11/03 13:57

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